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(54) **System for performing surgical procedures with a reusable instrument module**

(57) A surgical instrument is provided including an outer housing shell defining a cavity, the outer housing shell defining an upper outer housing half and a lower outer housing half, wherein the upper outer housing half defines a longitudinal axis and an instrument module selectively insertable into the cavity of the outer housing shell. The instrument module includes an inner housing shell, at least one motor disposed within the inner housing

shell, a control board being in electrical communication with the at least one motor and an energy source being in electrical communication with the at least one motor and the control board. The instrument module is inserted into the cavity of the outer housing shell in such a manner that the operative axis of the at least one motor is substantially parallel to the longitudinal axis of the upper outer housing half.

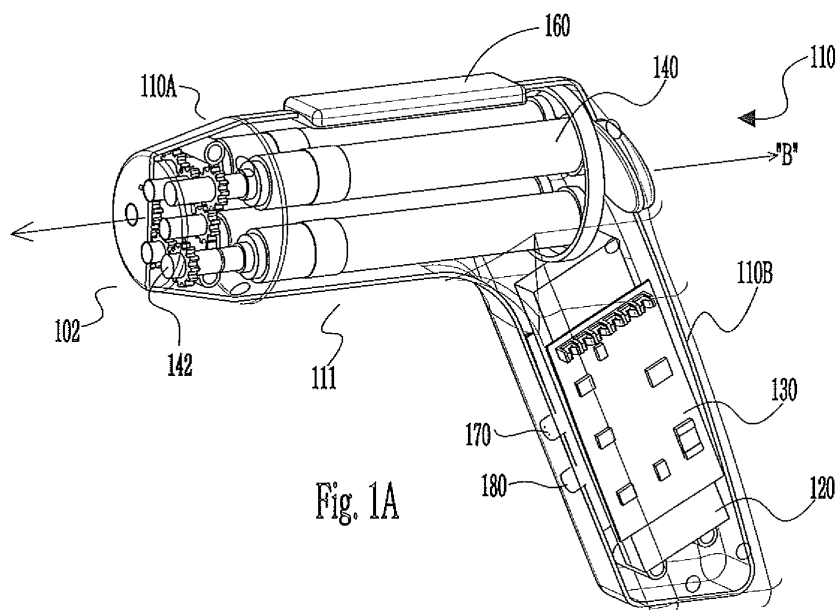


Fig. 1A



EUROPEAN SEARCH REPORT

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DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
X	US 2011/017801 A1 (ZEMLOK MICHAEL A [US] ET AL) 27 January 2011 (2011-01-27) * paragraph [0060] * * paragraph [0073] - paragraph [0080] * * paragraph [0087] * * paragraph [0114] * * paragraph [0163] - paragraph [0167] * * paragraph [0203] - paragraph [0204] * * paragraph [0209] * * paragraph [0219] - paragraph [0222] * * figures 1-4,20,33,34 *	1-11	INV. A61B17/072 A61B17/00 A61B17/29
A	EP 0 804 124 B1 (INNOVASIVE DEVICES INC [US]) 28 July 1999 (1999-07-28) * paragraph [0038] - paragraph [0039] * * figure 11 *	1	
A	US 2011/125138 A1 (MALINOUSKAS DONALD [US] ET AL) 26 May 2011 (2011-05-26) * paragraph [0156] - paragraph [0165] * * figures 12,13 *	1	
			TECHNICAL FIELDS SEARCHED (IPC)
			A61B
The present search report has been drawn up for all claims			
Place of search Munich		Date of completion of the search 5 March 2015	Examiner Ebbinghaus, M
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document	

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**ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.**

EP 13 15 1037

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05-03-2015

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 2011017801 A1	27-01-2011	AU 2010226969 A1	21-04-2011
		CA 2716235 A1	05-04-2011
		CN 102028509 A	27-04-2011
		EP 2308388 A1	13-04-2011
		JP 2011078772 A	21-04-2011
		US 2011017801 A1	27-01-2011

EP 0804124 B1	28-07-1999	AU 710731 B2	30-09-1999
		DE 69511116 D1	02-09-1999
		DE 69511116 T2	18-11-1999
		EP 0804124 A1	05-11-1997
		ES 2134512 T3	01-10-1999
		JP 3718729 B2	24-11-2005
		JP H10509612 A	22-09-1998
		US 5649963 A	22-07-1997
		US 5797963 A	25-08-1998
		WO 9614798 A1	23-05-1996

US 2011125138 A1	26-05-2011	AU 2011201186 A1	27-10-2011
		CA 2734160 A1	13-10-2011
		CN 102247177 A	23-11-2011
		EP 2377476 A1	19-10-2011
		JP 2011218164 A	04-11-2011
		US 2011125138 A1	26-05-2011
